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TITLE : METHOD FOR FOAMING SODIUM PERCARBONATE

ABSTRACT : PURPOSE: To obtain the sodium percarbonate useful as a bleaching agent for clothes and kitchenware and having a uniform foaming property and excellent water solubility with high efficiency and with reduced loss in effective oxygen by heating sodium percarbonate in a horizontal rotary heater.

CONSTITUTION: The horizontal rotary heater is slightly inclined and rotated at a peripheral velocity of 1~20m/min, and a fixed amt. of sodium percarbonate is continuously charged from the upper part. The sodium percarbonate is mechanically agitated by the heated side wall and a coil, and simultaneously heated. Air or an inert gas is introduced at 1~3m³/hr per kg sodium percarbonate to uniformly heat the percarbonate at 110~135°C for 5~60min.

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